| Index o | of Claims |
|---------|-----------|
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| Application No. | Applicant(s)  |
|-----------------|---------------|
| 10/047,002      | HIMMEL ET AL. |
| Examiner        | Art Unit      |
| DANH C LE       | 2683          |

| √ | Rejected |
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| = | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| Ī | interference |

| A | Appeal   |
|---|----------|
| O | Objected |

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| 3  | 3                                | П         |          |              |  |          | П  |  |  |  | 1 |
| 4  | 4                                | П         |          |              |  |          |  |  |  |  | ] |
| 3<br>4<br>5  | 5                                | $\coprod$ |          |              |  |          | Ŀ  |  |  |  | ] |
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| _  | 9                                | _         | <u> </u> | ┕            | <u> </u>   | _        | _  | _  |  | _  | l |
| 7  | 10                               | =         |          | ⊢            | _  | <u> </u> | <u> </u>   | -  | $\vdash$   | _  | ł |
| 8<br>9   | 11                               | ₩         |          | <u> </u>     | ऻ_   | _        | -  | -  |  | _  | ┨ |
| 9  | 12                               | ╫         | -        | $\vdash$     | <u> </u>   | -        | -  | ├  | -  | $\vdash$   | ľ |
| 10<br>11   | 11<br>12<br>13<br>14<br>15<br>16 | ╫         | $\vdash$ | $\vdash$     | ⊢  | $\vdash$ | -  | -  | -  | -  | ŀ |
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| 15<br>16<br>17<br>18<br>19<br>20                               | 16                               | ╫         | -        | $\vdash$     | ┢╌   |          |  | <del> </del>                                     | -  | ┢  | ł |
| 17   | 17                               | ╫         | -        | ├            | ╁─   | ┝        |  | $\vdash$   | -  | -  | ł |
| 18   | 18                               | #         | $\vdash$ | $\vdash$     | $\vdash$   | ┢        | <del>                                     </del> | 1  | <del> </del>                                     | ╁  | ŀ |
| 19   | 18<br>19                         | #         | _        | -            |  | ┢        | _  |  | $\vdash$   | <del>                                     </del> | 1 |
| 20   | 20                               | <u>_</u>  |          | _            | -  | ┢        |  |  |  |  | 1 |
| -  | 21                               | _         | $\vdash$ |              | <u> </u>   |          |  |  |  |  | 1 |
|  | 20<br>21<br>22<br>23             | -         |          | Т            |  |          |  | Г  |  | Τ  | 1 |
|  | 23                               | <b>—</b>  |          |              | Ι  | $\vdash$ | T  |  |  |  | 1 |
| 21   | 24                               | =         |          | П            |  |          |  |  |  |  | 1 |
| 22   | 25                               | 1         |          |              |  |          |  |  |  |  |   |
| 23   | 26                               | Ц         |          |              |  |          |  |  |  |  |   |
| 21<br>22<br>23<br>24<br>25<br>29<br>30<br>31<br>32<br>33<br>34 | 24<br>25<br>26<br>27<br>28       | Ш         | <u> </u> | <u> </u>     |  |          |  |  |  |  |   |
| 25   | 28                               | Щ         |          | _            | <u> </u>   | _        | _  | _  | <u> </u>   | _  |   |
| 29   | 29<br>30                         | Ш         |          |              | ļ.,  | _        |  | _  | _  |  | l |
| 30   | 30                               | Ш         | _        | <u> </u>     |  | <u> </u> | <u> </u>   |  | _  | _  |   |
| 31   | 31                               | 4         | ļ        | ┡            |  | _        | ┞  | _  | <u> </u>   | <u> </u>   | l |
| 37   | 32<br>33                         | ╨         | _        | L            |  |          | _  | _  | -  |  |   |
| 23   | 34                               | 1         | <u> </u> | <u> </u>     | -  | -        | ļ  | ┝  | <u> </u>   | ⊢  | ł |
| 27   | 34                               |           | ┝        |              | <u> </u>   | -        | -  | -  | -  |  | ł |
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| 20   | 38                               | =         | -        | -            |  | $\vdash$ | $\vdash$   | ├  |  |  | - |
| 35<br>36   | 39                               | T         | -        | ┢            | <del>                                     </del> | $\vdash$ | $\vdash$   | <del>                                     </del> | <del>                                     </del> | -  |   |
| 37   | 40                               | $\vdash$  |          | <del> </del> | H  | $\vdash$ | $\vdash$   | $\vdash$   |  | $\vdash$   |   |
| 38   | 41                               | $\Box$    |          | $\vdash$     | <del> </del>                                     | <u> </u> | ļ  |  |  | Г  |   |
| 39   | 42                               | $\sqcap$  |          |              |  | Г        |  | Т  |  | Г  |   |
| 12   | 43                               | Π         | Т        | Ι.           |  | Г        |  | -  |  |  | 1 |
| 13   | 44                               |           |          |              |  |          |  |  |  |  |   |
| 14   | 45                               |           |          |              |  |          |  |  |  |  |   |
| 26   | 46                               | $\Box$    |          |              |  |          |  |  |  |  |   |
| 27   | 47                               | $\prod$   |          |              |  |          |  |  |  |  |   |
| 28   | 48                               | Ш         |          | L            |  | L        |  |  |  |  | 1 |
| 40   | 49                               | Ш         |          | L.           |  |          |  |  |  |  |   |
| 41   | 50                               | P.        |          |              |  |          |  | _  |  |  |   |

| i   | CI       | aim      | 1              |          |          | _        | 201      |          |               |  |               |
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|     | Final    | <u>;</u> | 6              | l        |          |          |          |          |               |  |               |
|     | LL.      | <u></u>  |                |          |          |          |          |          | ١.            |  |               |
|     | 42.      | l        | 05<br>=        | _        |          | 匚        | _        |          | L             | <u> </u>   |               |
|     | 42       | 51       | =              |          |          | L.       |          |          |               |  |               |
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|     | <u> </u> | 60       | -              |          | _        | ┢        | $\vdash$ | $\vdash$ | $\vdash$      | <del>                                     </del> | ┪             |
|     |          | 61       |                |          |          |          | _        |          | -             | $\vdash$   | ┢             |
|     |          | 62       |                |          | -        | $\vdash$ | -        |          |               | $\vdash$   | $\vdash$      |
|     | -        | 62<br>63 | -              |          | -        |          | ┢        | ┝        | ⊢             |  | ┢             |
|     |          | 64       | H              |          | $\vdash$ | -        | ⊢        |          |               | -  |               |
| -   |          | 65       | $\vdash$       |          | ⊢        | ⊢        | $\vdash$ | $\vdash$ | $\vdash$      | -  | $\vdash$      |
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|     |          | 67       | _              |          | <u> </u> |          |          | _        | <u> </u>      | _  | <u> </u>      |
|     |          | 68       |                |          | _        |          |          |          | _             |  | L             |
|     |          | 69       | Ŀ              |          | <u> </u> |          |          |          |               | _  | _             |
|     |          | 70       |                |          |          |          |          |          |               |  | <u> </u>      |
| - 1 |          | 71       |                |          |          | L        |          |          |               |  |               |
|     |          | 72       |                |          |          |          |          |          |               |  |               |
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| ١.  |          | 74       |                |          |          |          |          |          |               |  |               |
|     |          | 75       |                |          |          |          |          |          |               |  |               |
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|     |          | 78       |                |          |          | Г        |          |          |               |  |               |
|     |          | 79       |                |          | _        |          | Г        |          |               |  | Г             |
|     |          | 80       |                |          |          |          | $\vdash$ |          |               |  |               |
|     |          | 81       |                |          |          |          | Г        |          |               |  |               |
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|     |          | 91       | Н              |          | -        | H        |          | _        |               | _  |               |
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| 7   |          | 93       | Н              |          | _        | <u>—</u> | H        |          | _             |  | -             |
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| I   |          | 94       | $\vdash\vdash$ |          | <u> </u> | -        | -        | <u> </u> | <u> </u>      | <u> </u>   | $\vdash$      |
|     |          | 95       | Ш              |          |          | Н        | $\vdash$ | Ш        | _             | $\vdash$   | $\vdash$      |
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|     |          | 97       | ш              |          |          | L.       |          |          |               | _  | Щ             |
|     |          | 98       | $\Box$         |          |          | _        | Щ        |          |               | Ш  |               |
| 1   |          | 99       | Ш              |          |          | _        | Ш        |          |               |  | Щ             |
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| Cla   | aim   | Date         |          |          |              |          |              |  |              |           |
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|       | 101<br>102  |              |          |          |              |          |              |  |              |           |
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|       | 106<br>107  | _            | -        |          | <del> </del> | -        | $\vdash$     |  | -            | Н         |
|       | 108   |              |          |          |              |          |              |  |              |           |
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|       | 111   | _            |          |          | -            | ├        | ┝            | ┝  | -            |           |
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|       | 109<br>110<br>111<br>112<br>113<br>114<br>115<br>116                      | _            | _        | _        | <u> </u>     | <u> </u> | ļ            | <u> </u>   | <u> </u>     | Н         |
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|       | 127   | H            |          |          |              |          | -            | <del>                                     </del> |              |           |
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|       | 131<br>132<br>133   |              |          |          |              |          |              |  |              |           |
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